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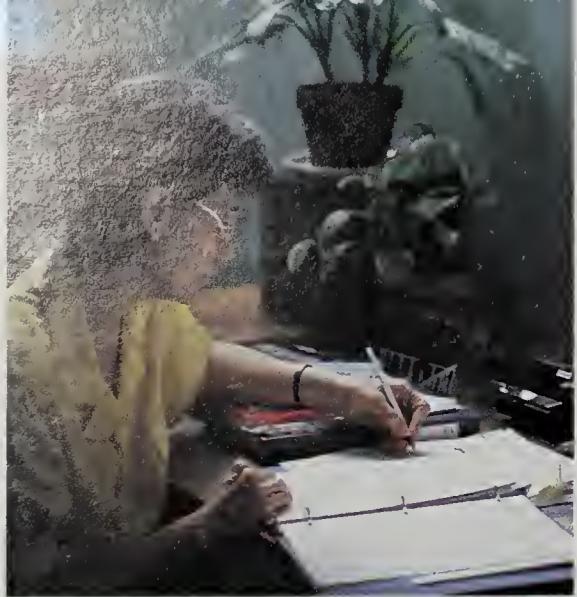
GRADUATE SCHOOL OF LIBRARY  
AND INFORMATION SCIENCE  
INSTITUTE FOR  
COMPETITIVE MANUFACTURING

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



INFORMATION  
RETRIEVAL  
AND  
MANAGEMENT  
SERVICE

*Serving  
Illinois  
industry  
with  
a  
wide  
range  
of  
information  
services.*



*"Efficient and effective access to engineering and business information is a key factor in the success of technology transfer. The information specialists at IRMS cooperate with ICM to locate and provide the specific information needed by manufacturers in Illinois."*

Linda C. Smith  
Associate Professor  
Graduate School of Library and Information Science  
University of Illinois at Urbana-Champaign  
and Faculty Consultant to IRMS

## Services

- Answer specific factual questions
- Compile data on requested topics
- Identify and provide requested publications
- Perform online database searches
- Do market research
- Provide full-text retrieval and research
- Tailor information system design to meet organizations' needs

Information can make the crucial difference between success and failure, between a healthy bottom line and a lackluster balance sheet, between taking advantage of new technology or falling farther and farther behind the competition. The Information Retrieval and Management Service (IRMS) at the University of Illinois at Urbana-Champaign is able to give small- and medium-sized manufacturers in Illinois a competitive edge by providing vital engineering and business information.



and major academic and research libraries around the country. Resources include books, periodicals, microforms, technical reports, government publications, and commercial and governmental databases. All requests are treated in confidence, and handled promptly. The turnaround time is usually 48 hours or less.

As active members of the American Society for Information Science, the IRMS staff keeps abreast of the latest research and applications in the field of information science and establishes networks with special library collections across the country.



## LEVELS OF INFORMATION TRANSFER

### ADVANCED

Helps set up records management systems.

Offers consultation on organization, collection, and staffing of special libraries and technical information centers.

Provides continuing education services, including seminars, workshops, short courses, and other extension-type services.

### INTERMEDIATE

Anticipates information needs of a given company.

Presents large pieces of information in a summarized format.

Analyzes information needs to set up selective dissemination of information.

Provides support to individuals in companies having no central location for information dissemination.

### BASIC

Answers specific factual questions • Retrieves requested documents • Locates information on particular topics

IRMS subscribes to DIALOG, an online network that contains more than 320 databases, including World Patents Index and SCISEARCH®, a multidisciplinary index that contains all significant items from 2600 major scientific and technical journals and presents their contents in a

highly readable format. IRMS also has access to LEXIS, which covers all aspects of legal literature, including patent law, and NEXIS, which allows full-text retrieval of major articles from news sources such as *The New York Times*.

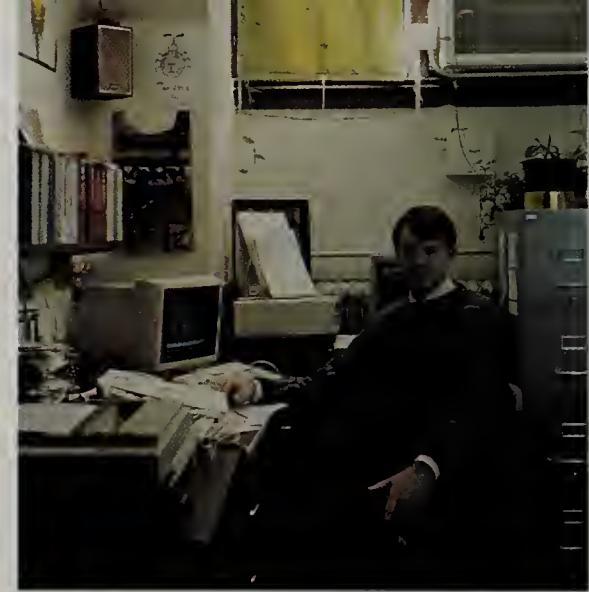
*“A chronic condition of our culture is information overload — the stress incurred by too many choices and too little time to make intelligent use of those choices.*

*“IRMS, in partnership with ICM, sorts through an often overwhelming array of information and pinpoints those sources which the client can immediately put to use.”*

Kathy Corley  
Director  
Information Retrieval and Management Service (IRMS)

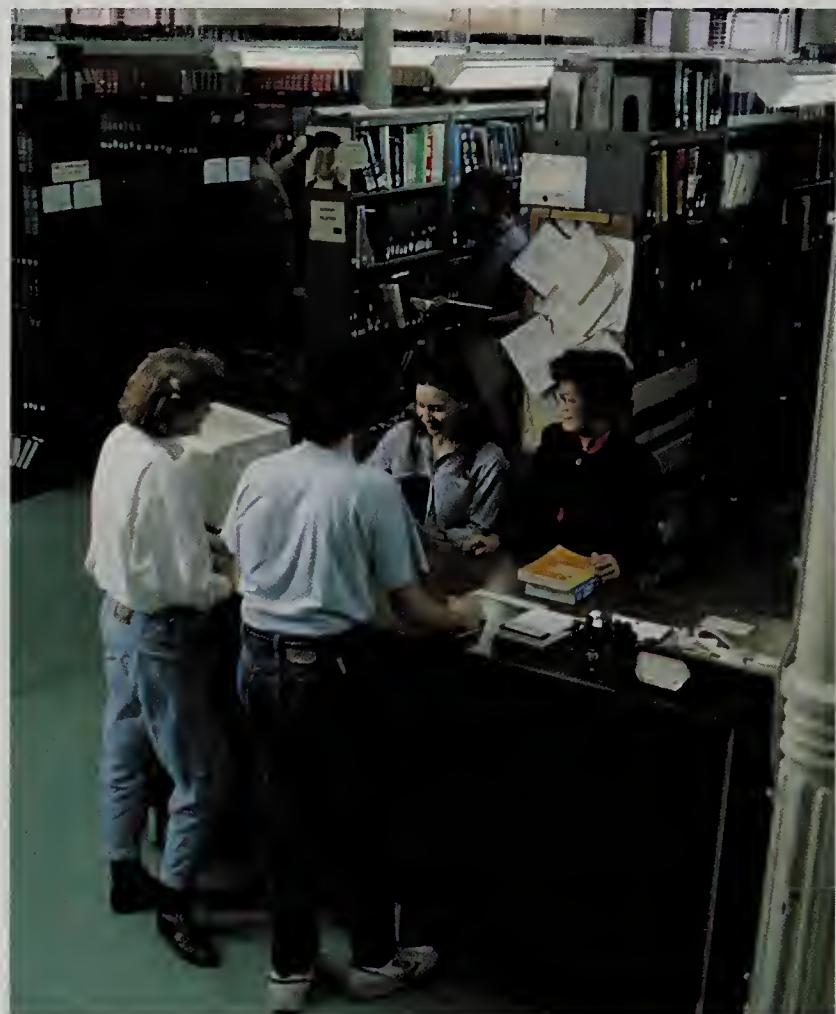
## Resources

- University of Illinois Library System
- Access to technical databases
- Network to special libraries nationwide
- Knowledgeable professional staff
- Renowned faculty



As part of the top-ranked Graduate School of Library and Information Science located on the campus of the University of Illinois at Urbana-Champaign, and home of the third largest university research library in the U.S., IRMS can draw upon a skilled pool of subject specialists who are also experts in information science. Access to these resources can have a significant influence on the speed and quality of information transfer.

As a company becomes more aware of the variety of services that IRMS can provide, a strong, effective working relationship will develop. IRMS is prepared to help organize information and place it at the fingertips of decisionmakers throughout the state.



To find out more about IRMS and its services, contact:

Director  
Information Retrieval and Management Service  
410 David Kinley Hall  
1407 West Gregory Drive  
Urbana, Illinois 61801-3680  
217-333-1721 or 217-333-6202  
Fax 217-244-3302 or 217-333-4701

*"The reason that ICM is such a unique opportunity for the state of Illinois is the strength of the programs at UIUC, not only the programs of the College of Engineering but across the entire university. For example, ICM has formed a partnership with the UIUC Graduate School of Library and Information Science, the top such program in the country, to provide information services through IRMS. We truly have a special opportunity here in Illinois to embrace some of the finest educational and research programs in the nation and transfer the products of those programs to industrial practice and solve problems of the state in manufacturing quality and productivity."*

Richard E. DeVor  
Executive Director  
Institute for Competitive  
Manufacturing



*Let IRMS help  
your company with  
its information  
needs.*

## Typical Successful IRMS Requests

- What is the availability of alternate refrigerants to replace CFCs?
- Which shop floor simulation programs have animation and run on a PC?
- Can you send me a list of recent articles on the implementation of statistical process control for small batch sizes?
- Who are the major manufacturers of automated welding equipment in the U.S.?
- What state and federal programs are available for retraining employees?
- Can you help me design and implement a technical information resource within my organization?

## Staff

The staff of IRMS includes professional librarians and graduate assistants with experience in scientific and technical information retrieval. In addition, IRMS has access to faculty consultants from the Graduate School of Library and Information Science who specialize in information resource management and database design.

## Cost

IRMS services are partially supported by the Institute for Competitive Manufacturing through a grant from the state of Illinois. Initial consultative services and basic data retrieval functions are provided at no cost to users. More complex and advanced levels of information transfer are provided on a cost-recovery basis.



*“Instead of waiting for small- and medium-sized industries to discover the IRMS services, we—in partnership with the ICM—will now be able to reach out to help those organizations, analyze their information needs, and use information more effectively to enhance productivity.”*

Leigh Estabrook  
Dean  
Graduate School of Library  
and Information Science  
University of Illinois  
at Urbana-Champaign

ILLINOIS STATE LIBRARY



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Industry is Illinois' strength.  
Knowledge will strengthen Illinois industry.

The Institute for Competitive Manufacturing ... *a Strategic Alliance of Industry, Labor, Government, and Higher Education.*

To better serve the manufacturing industry and associated workforce in the state of Illinois and the nation, the University of Illinois at Urbana-Champaign has established the ICM to promote continuing education and to facilitate technology transfer.

The ICM will support and maintain an active outreach program aimed at bringing lifelong education and the latest in technological advances into industrial practice.

To become more familiar  
with the Institute for  
Competitive Manufacturing contact:

Director  
Institute for Competitive Manufacturing  
144 Mechanical Engineering Building  
1206 West Green Street  
Urbana, Illinois 61801  
217-244-2459

For information about the programs  
of the Graduate School of Library and  
Information Science contact:

Dean  
Graduate School of Library and Information Science  
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